Title (en)

Method for in-sector data management in frame addressing

Title (de)

Verfahren zur im sektor Datenverwaltung während der Rahmenadressierung

Title (fr)

Méthode pour la gestion de données à l'intérieur d'un secteur lors de l'adressage des trames

Publication

EP 1351239 A1 20031008 (EN)

Application

EP 03006515 A 20030322

Priority

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- EP 02007715 A 20020405

Abstract (en)

The present invention relates to a method for determining the address of a frame inside a data sector of an optical recording medium (17), the sector comprising a plurality of frames, each frame being preceded by a synchronization code, and an apparatus (10) for reading from and/or writing to optical recording media (17) using such method. <??>It is an object of the present invention to propose a method for determining the address of a frame inside a data sector of an optical recording medium (17) that is robust against streaming loss. It is another object of the present invention to propose an apparatus (10) for reading from and/or writing to optical recording media (17) using such method. <??>According to the invention, the method comprises the steps of: keeping a history of previously detected synchronization codes; appending (2) the detected synchronization code to the history; comparing (3) a pattern of the last synchronisation codes with a plurality of valid patterns of synchronization codes; delivering (4) a valid frame address if the pattern corresponds to a valid pattern, the frame address corresponding to the valid pattern, and delivering (7) an error frame address if the pattern does not correspond to a valid pattern. <IMAGE>

IPC 1-7

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IPC 8 full level

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Citation (search report)

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